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DATE June 29, 2006

NAME United States Patent and Trademark Office

COMPANY

FAX NUMBER (571) 273-8300

FROM Michael J. Tempel *MJ*

REFERENCE NO. 10/706,072

OUR FAX NUMBER 770-804-0900

NUMBER OF PAGES 12

Fourth Response in Application No. 10/706,072
 (Thin Gallium Arsenide Antimonide Base Heterojunction Bipolar
 Transistor (HBT) Having Improved Gain)
 Filed: November 12, 2003
 Examiner: Farahani, Dana
 Art Unit: 2891
 Confirmation No. 6364
 Docket No. 10003976-4 (01209.0016U2)

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AGILENT TECHNOLOGIES, INC.
Legal Department, DL429
Intellectual Property Administration
P. O. Box 7599
Loveland, Colorado 80537-0599

ATTORNEY DOCKET NO. 10003976-4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Nicolas J. Moll et al.

Serial No.: 10/706,072

Examiner: Farahani, Dana

Filing Date: November 12, 2003

Group Art Unit: 2891

Title: Thin Gallium Arsenide Antimonide Base Heterojunction Bipolar Transistor (HBT) Having
Improved Gain

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria VA 22313-1450

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TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Response/Amendment | <input type="checkbox"/> Petition to extend time to respond |
| <input type="checkbox"/> New fee as calculated below | <input type="checkbox"/> Supplemental Declaration |
| <input checked="" type="checkbox"/> No additional fee (Address envelope to "Mail Stop Amendments") | |
| <input type="checkbox"/> Other: _____ | (Fee \$ _____) |

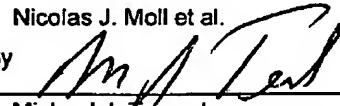
CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	21	MINUS	21	= 0	X 50	\$ 0
INDEP. CLAIMS	2	MINUS	2	= 0	X 200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ 360	\$ 0
EXTENSION FEE	1 ST MONTH 120.00	2 ND MONTH 450.00	3 RD MONTH 1020.00	4 TH MONTH 1590.00		\$ 0
				OTHER FEES		\$ 0
					TOTAL ADDITIONAL FEE FOR THIS AMENDMENT	\$ 0

Charge \$ 0 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

Nicolas J. Moll et al.

By



Michael J. Tempel
Attorney/Agent for Applicant(s)

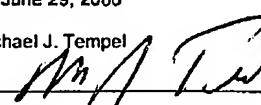
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003/012
Patent
Agilent Docket No.: 10003976-4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Nicolas J. Moll *et al.* Group Art Unit: 2891

Serial No.: 10/706,072 Examiner: Farahani, Dana

Filed: November 12, 2003 Docket No.: 10003976-4

Confirmation No.: 6364

For: **Thin Gallium Arsenide Antimonide Base Heterojunction Bipolar Transistor (HBT) Having Improved Gain****FOURTH RESPONSE**Mail Stop Amendment
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450Smith Frohwein Tempel Greenlee Blaha LLC
Customer Number 35856

Sir:

In response to the final Office Action mailed May 18, 2006, Applicants submit the following remarks.

A listing of claims begins on page 2 of this paper.

Remarks begin on page 5 of this paper.

AUTHORIZATION TO DEBIT DEPOSIT ACCOUNT

It is not believed that extensions of time or fees for net addition of claims are required, beyond those, which may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 C.F.R. §1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to Agilent Technologies Deposit Account No. 50-1078.

I hereby certify that this correspondence, including any items indicated as attached or included, is being transmitted via facsimile transmission to the United States Patent and Trademark Office (571) 273-8300, on the date indicated below.

Date: 6/29/06

Signature —Michael J. Tempel